

Title (en)
Car-seat-occupant sensing device

Title (de)
Kraftfahrzeugsitz-Besetzungssensorik

Title (fr)
Dispositif de détection de l'occupation d'un siège d'automobile

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Application
EP 01126715 A 20011108

Priority
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Abstract (en)
The object of the present invention is to provide a seat-occupant sensing device for a car seat, such that a heater can be installed in the seat without deterioration of sitting comfort. A load sensor (50) is mounted to a cushion frame (21) of a car seat. The end of a flexible cushion support (25) is linked with the load sensor (50). Because the flexible cushion support flexes when a person sits on the seat, the load sensor senses when the person sits on the seat. <IMAGE>

IPC 1-7
B60N 2/00; **B60N 2/72**

IPC 8 full level
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CPC (source: EP US)
B60N 2/002 (2013.01 - EP US); **B60N 2/7094** (2013.01 - EP US)

Citation (search report)

- [A] WO 9830874 A1 19980716 - AUTOMOTIVE SYSTEMS LAB [US]
- [A] WO 9835861 A1 19980820 - BREED AUTOMOTIVE TECH [US]
- [A] EP 0670239 A1 19950906 - CLARK EQUIPMENT CO [US]
- [A] EP 0855307 A2 19980729 - SCHLEGEL SYSTEMS INC [US]

Cited by
EP1440838A1; FR2844592A1; US7131513B2

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DE FR GB

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EP 1205342 A1 20020515; **EP 1205342 B1 20060517**; DE 60119665 D1 20060622; DE 60119665 T2 20060907; JP 2002144936 A 20020522; US 2002053980 A1 20020509; US 6661341 B2 20031209

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